

ABSTRACT

The present invention provides for improved apparatuses and methods for controlling a plurality of detonators, which Blasting apparatuses and methods control actuation of a plurality of detonators, and involve the use of one or more authorization keys each associated with a blasting machine. The authorization key(s) are transferable from the blasting machine(s) to a central command station, each authorization key storing a data package comprising a randomly generated access code generated by its corresponding blasting machine. Transfer of the one or more authorization keys to a central command station allows the data packages (and associated randomly generated access codes) to be transmitted by the central command station for receipt by the blasting machine(s).